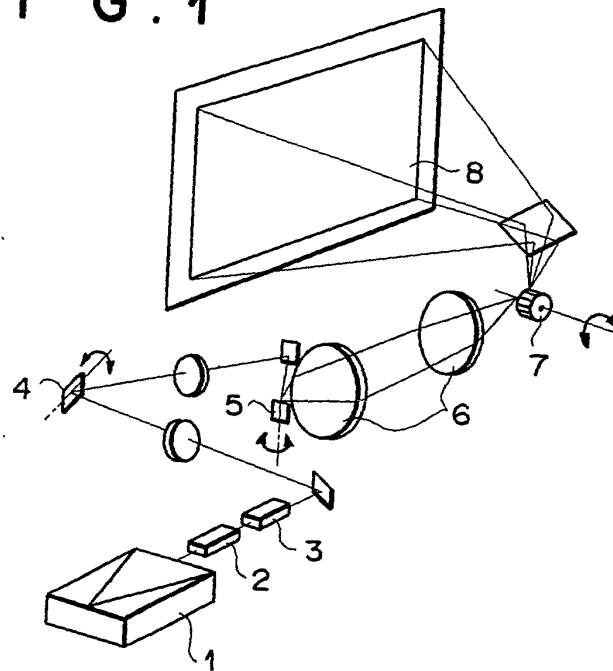


F I G . 1



F I G . 2

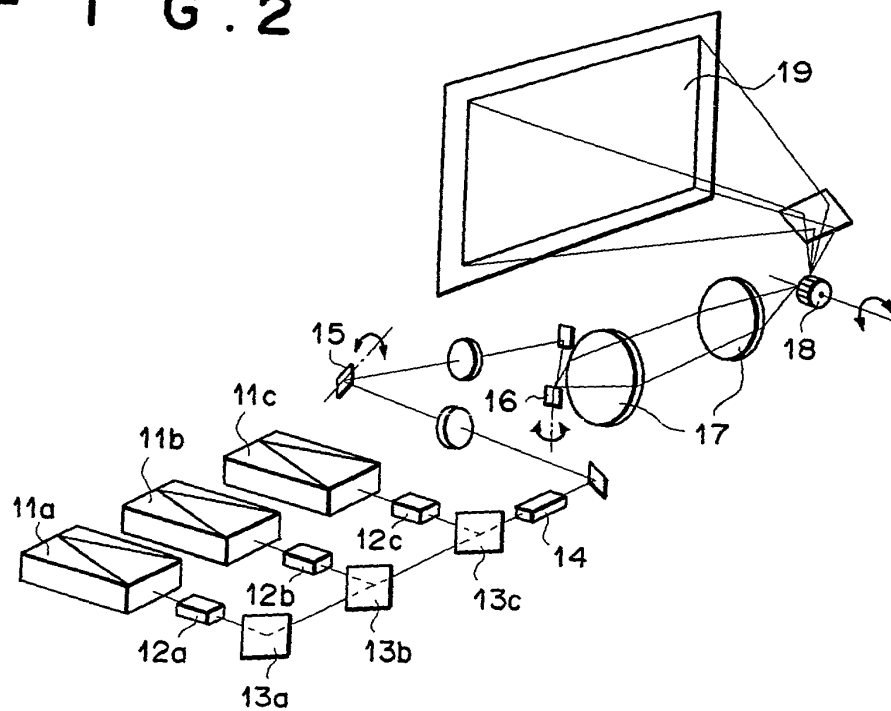


FIG. 1

# FIG. 3

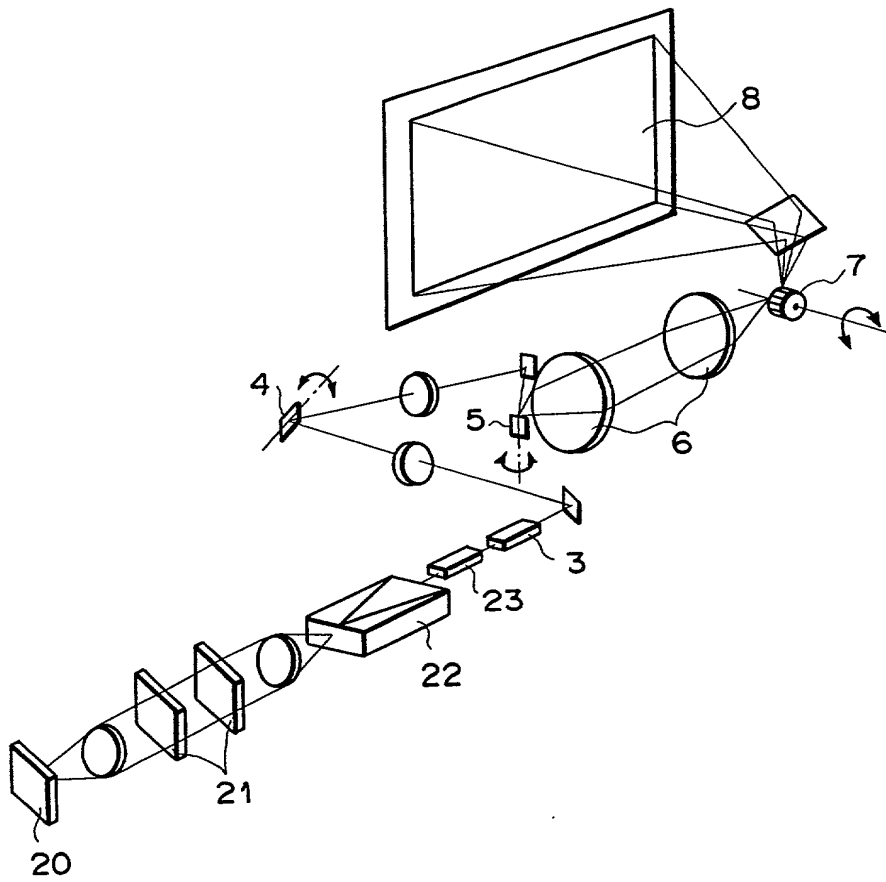


FIG. 3

FIG. 4

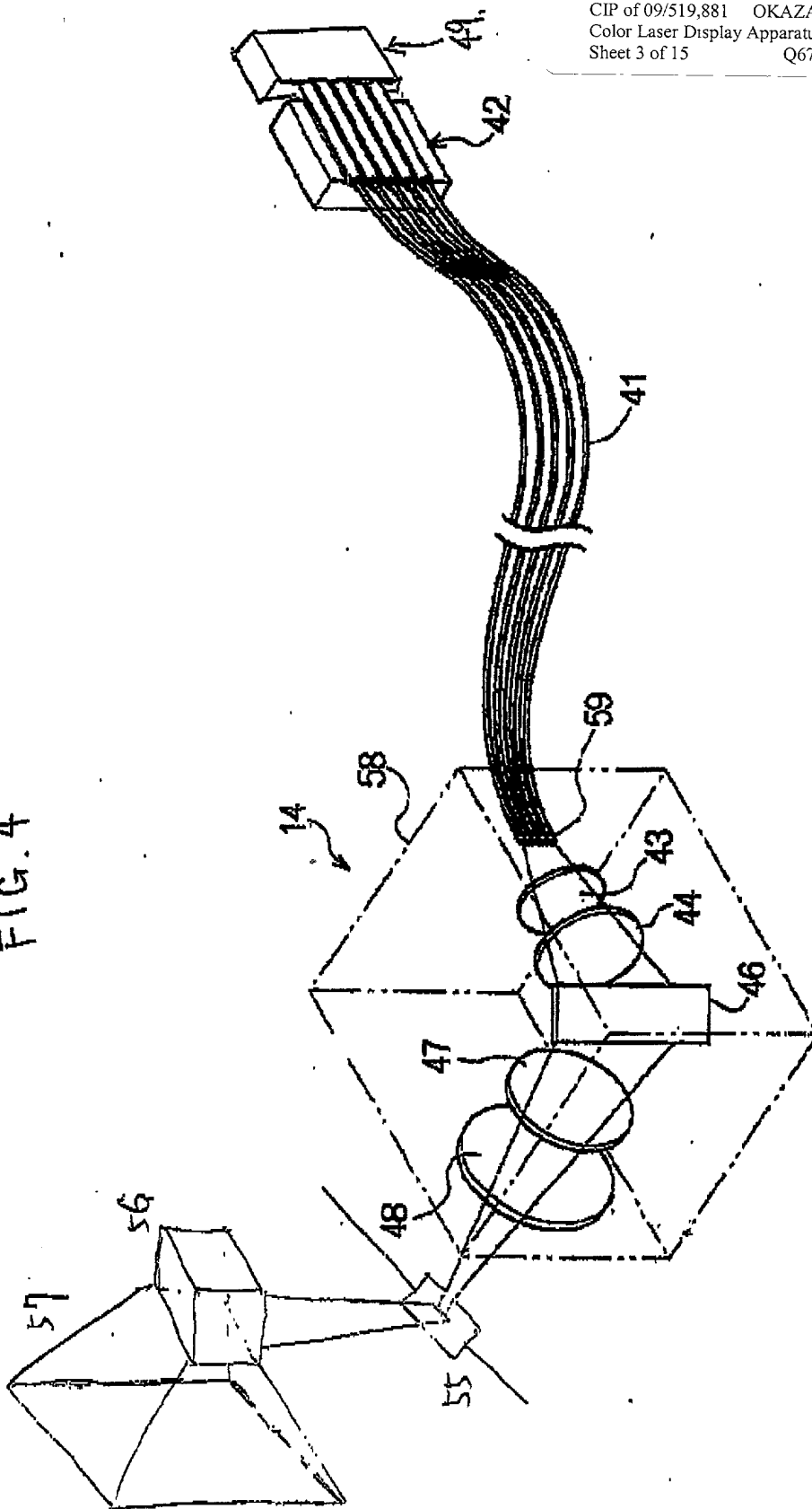


FIG. 5

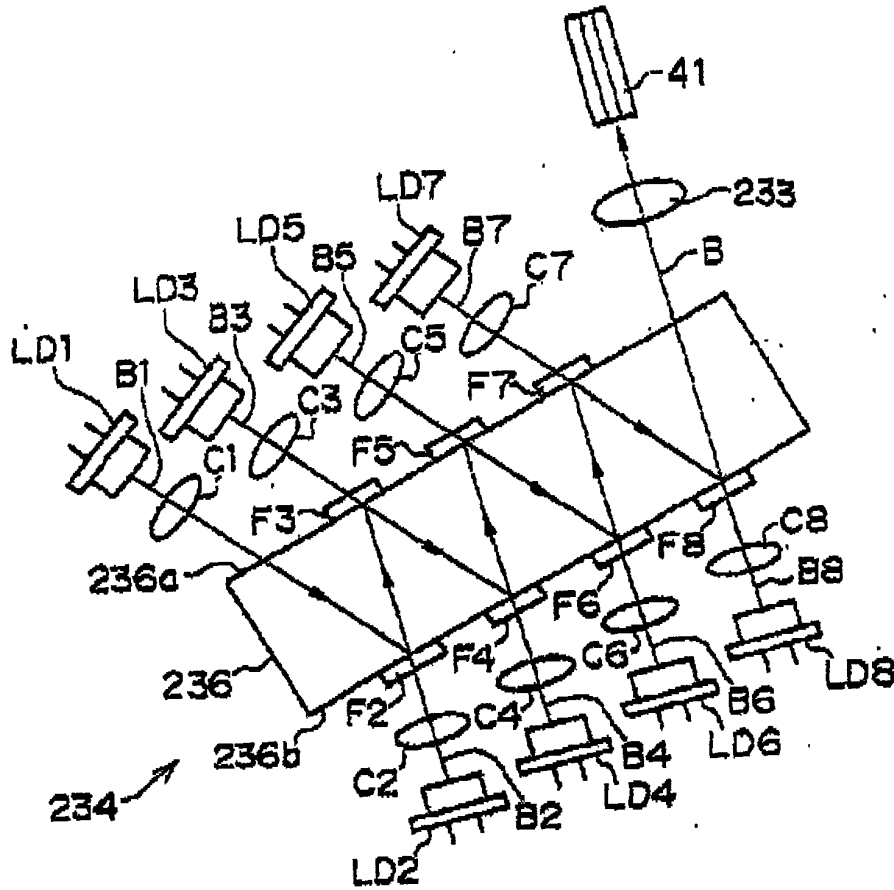


FIG. 6

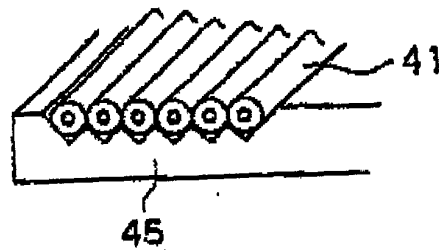


FIG. 5

FIG. 7

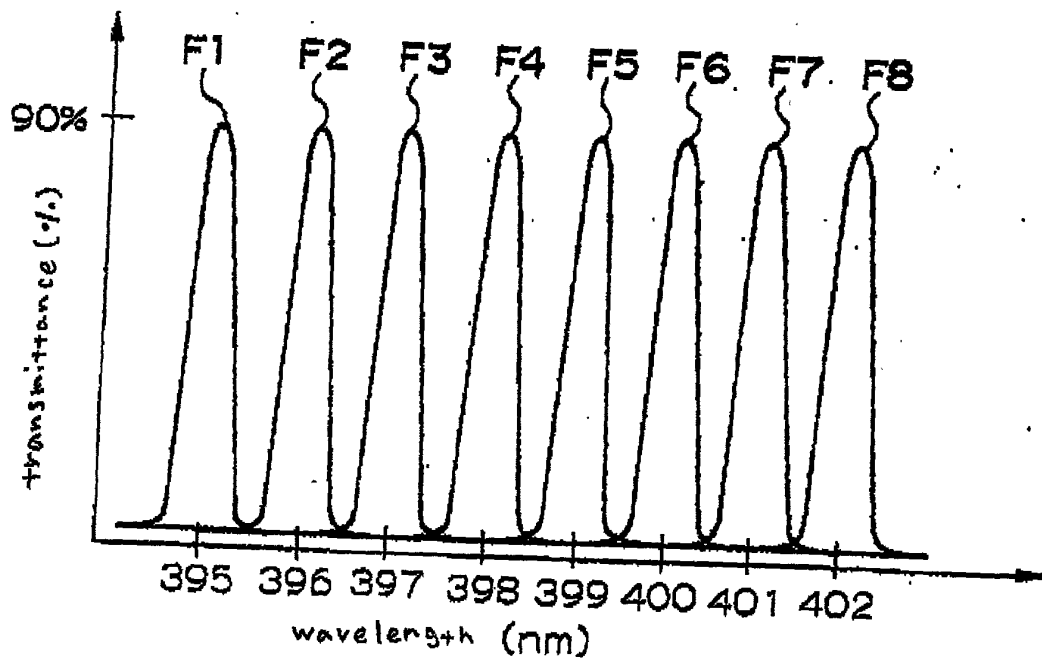


FIG. 8

FIG. 8

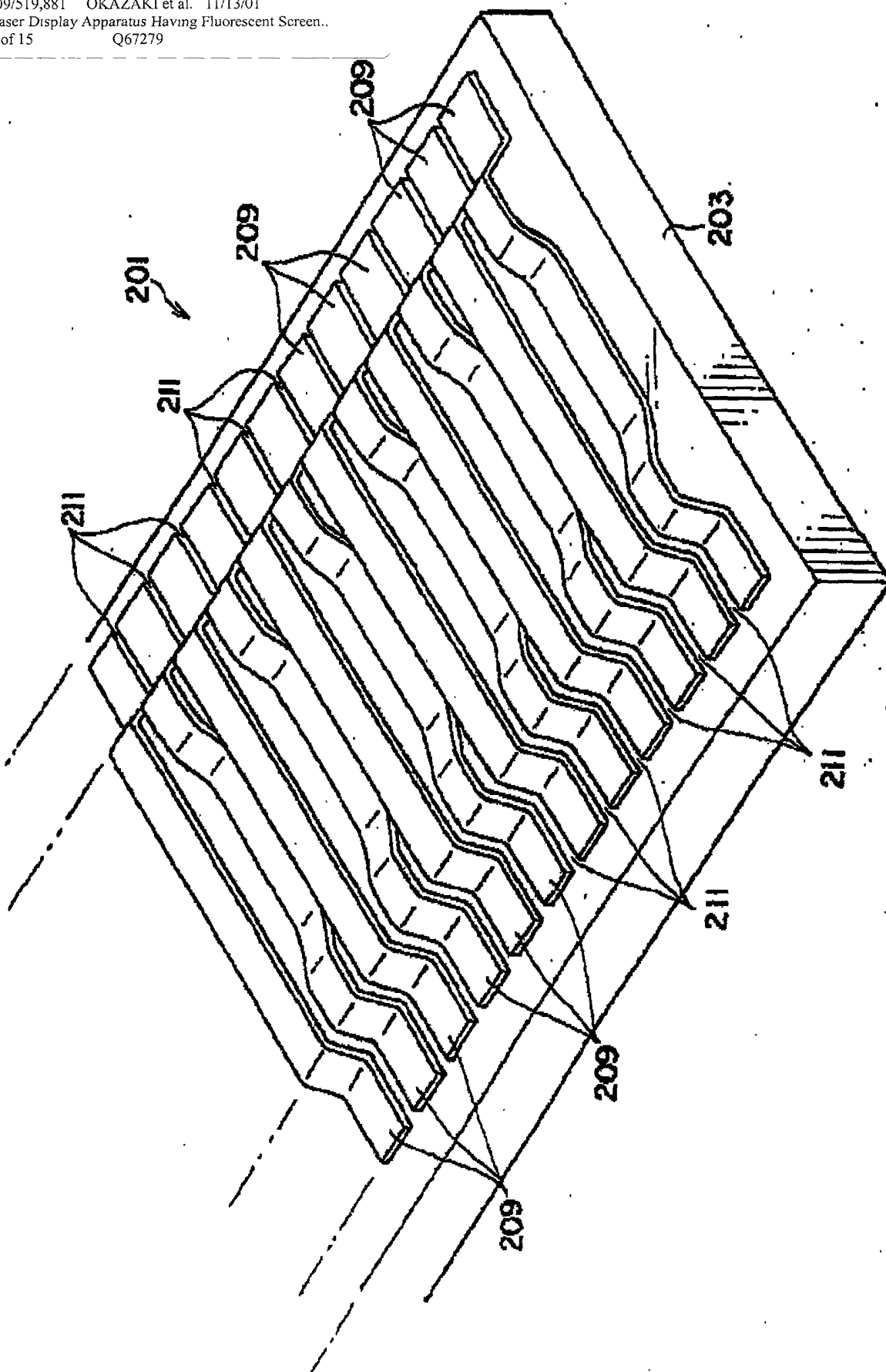
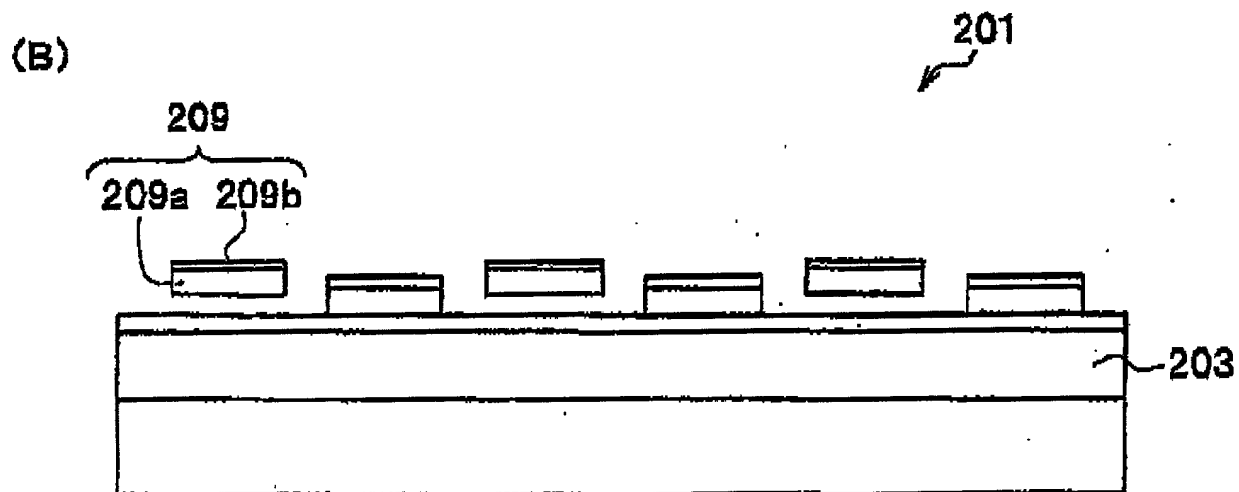
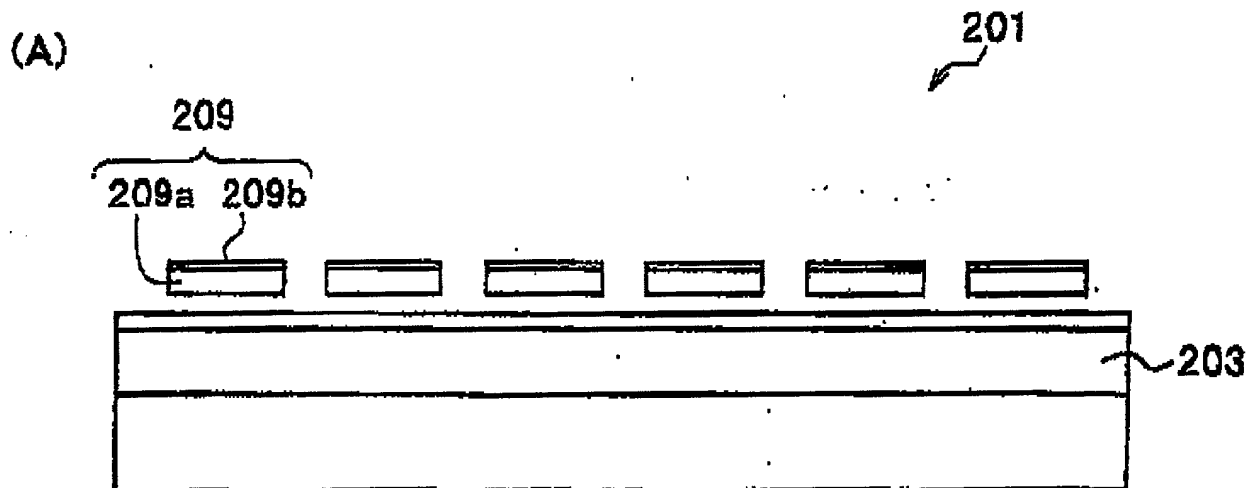


FIG. 9



FOEFF" 64028650

FOETTT\*64048660

FIG. 10

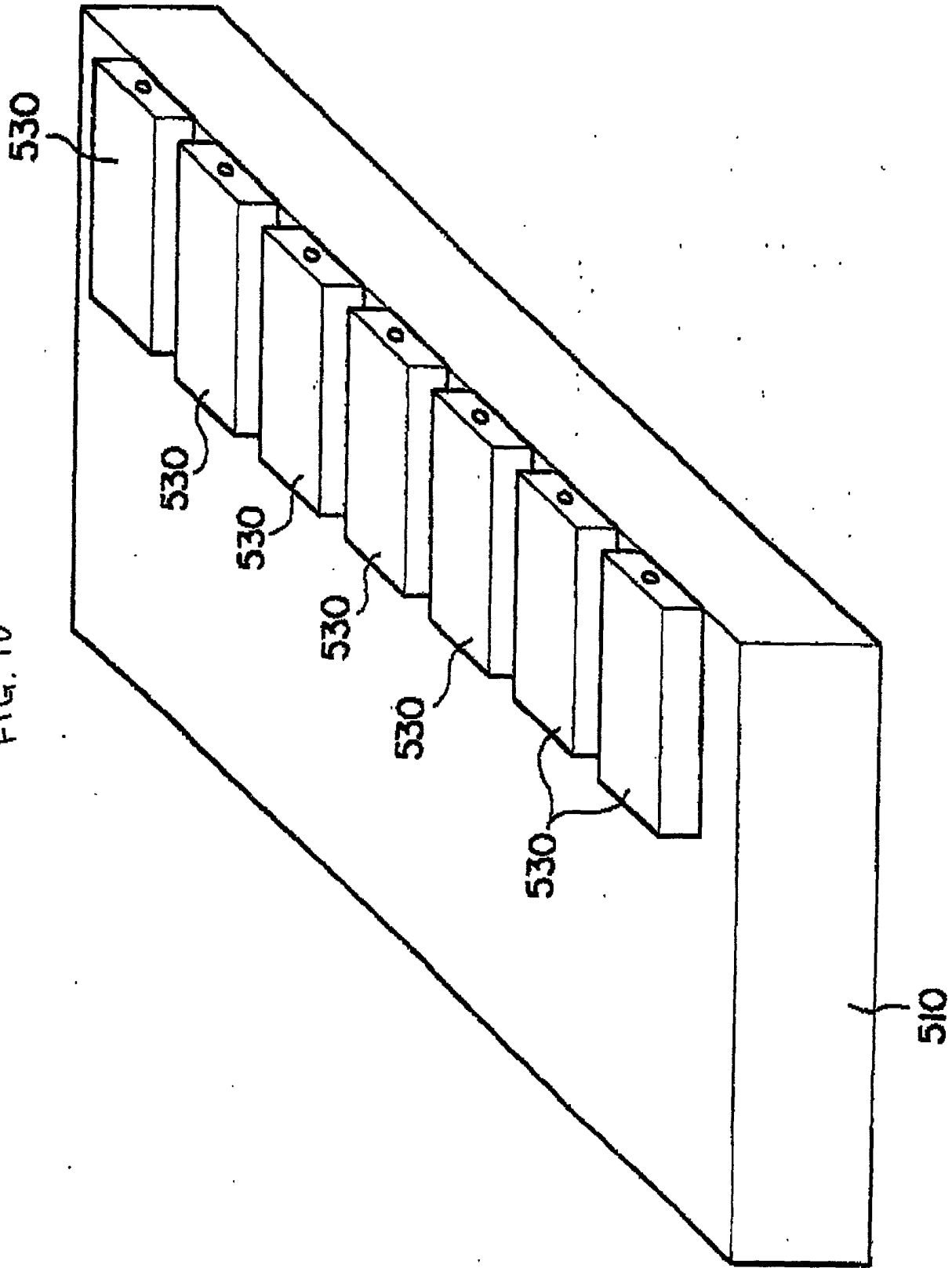




FIG. 11

FIG. 11

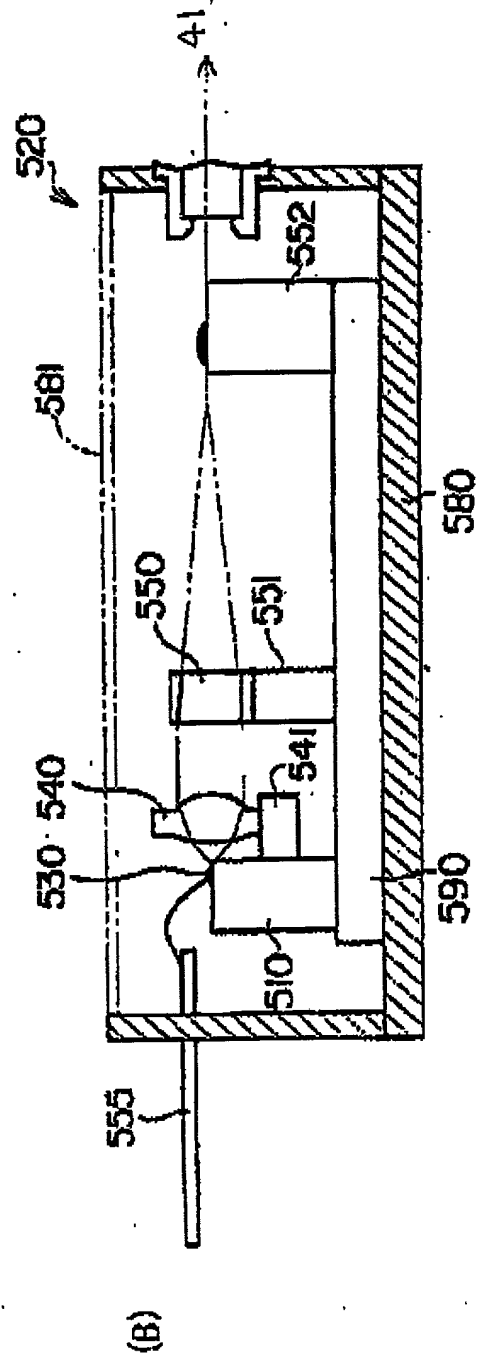
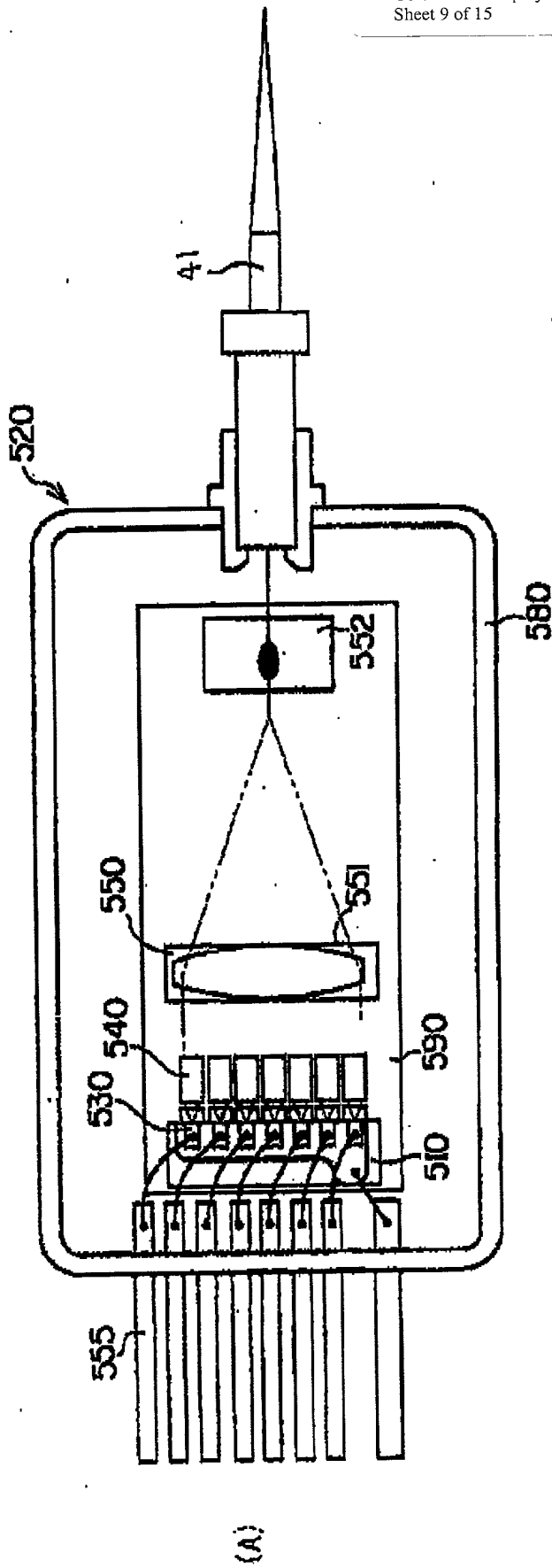


FIG. 12

42

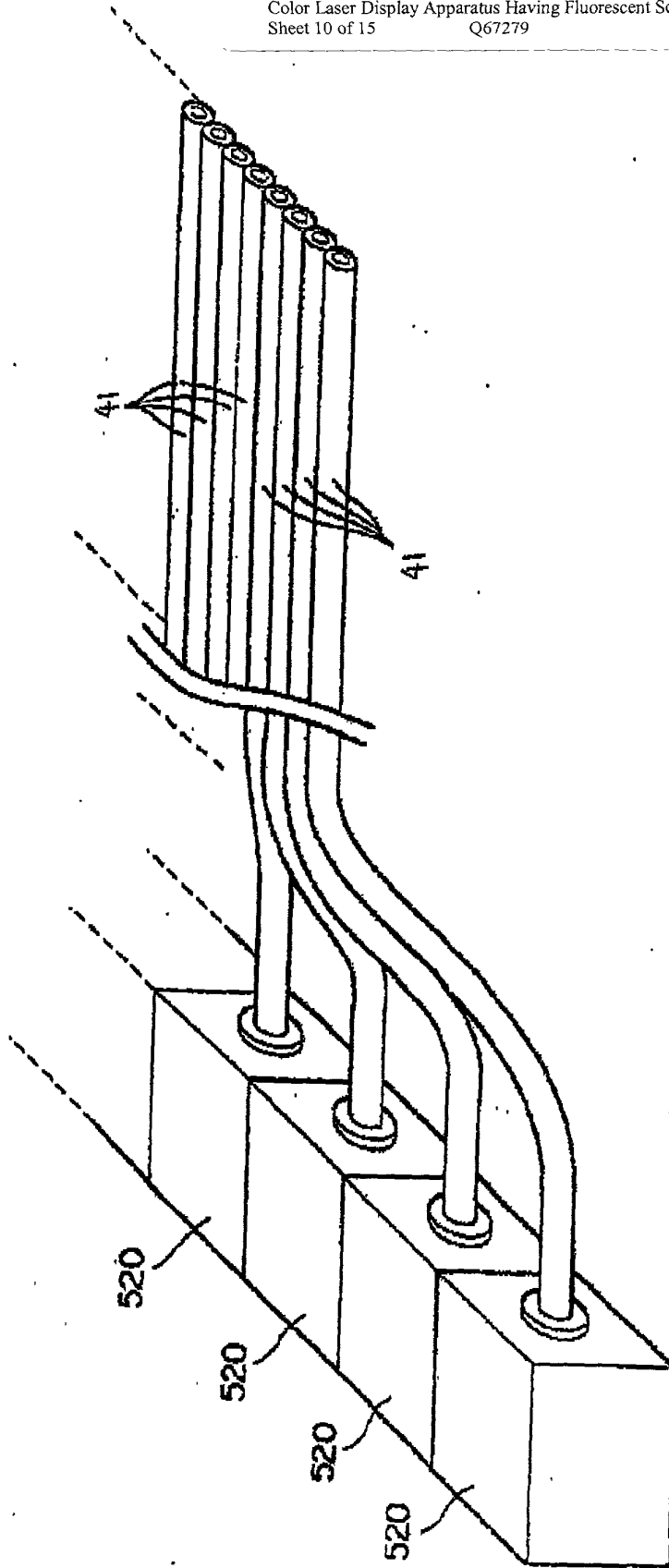


FIG. 13



FOETTT" 54043660

FIG. 14  
 anode  
 cathode

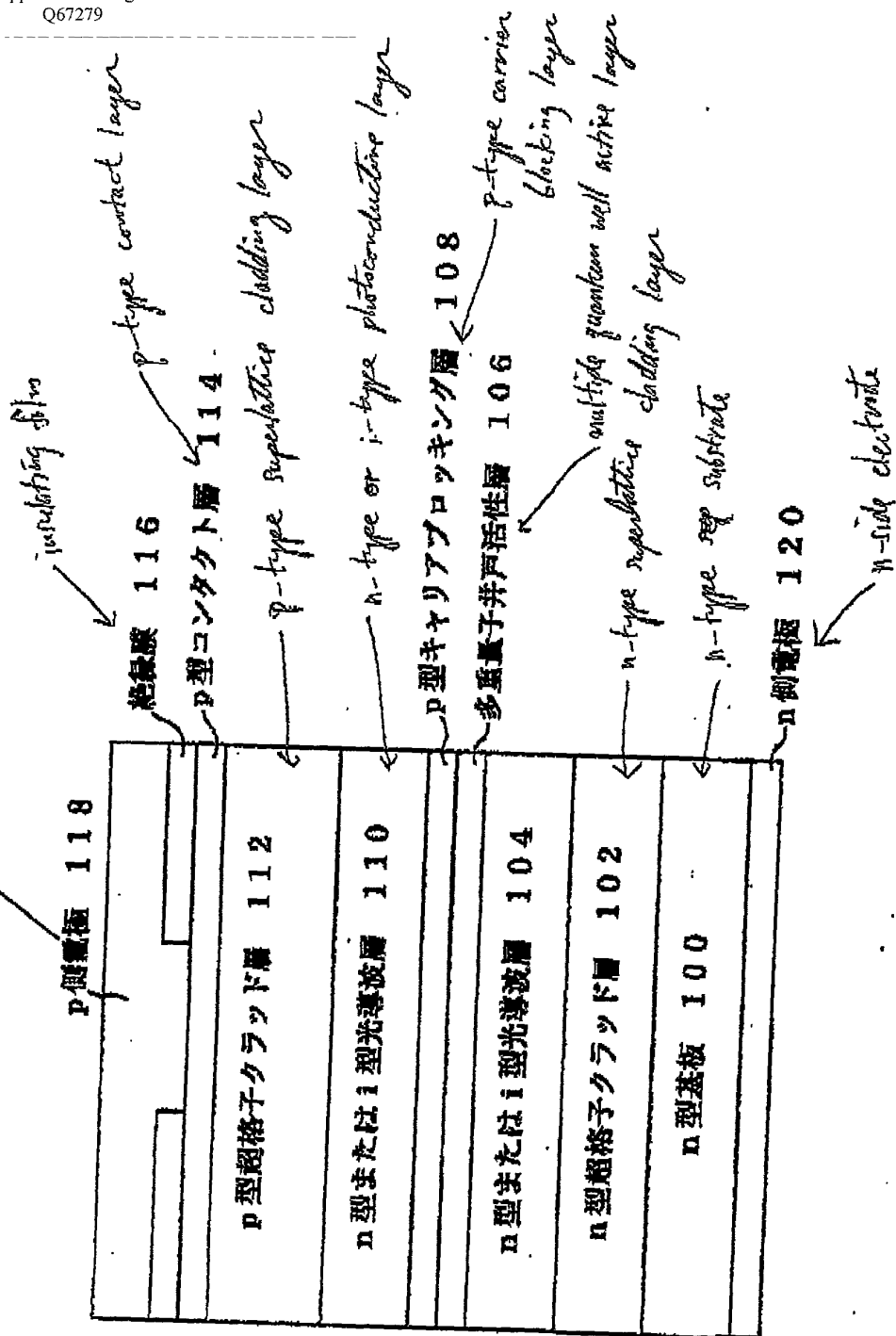


FIG. 15

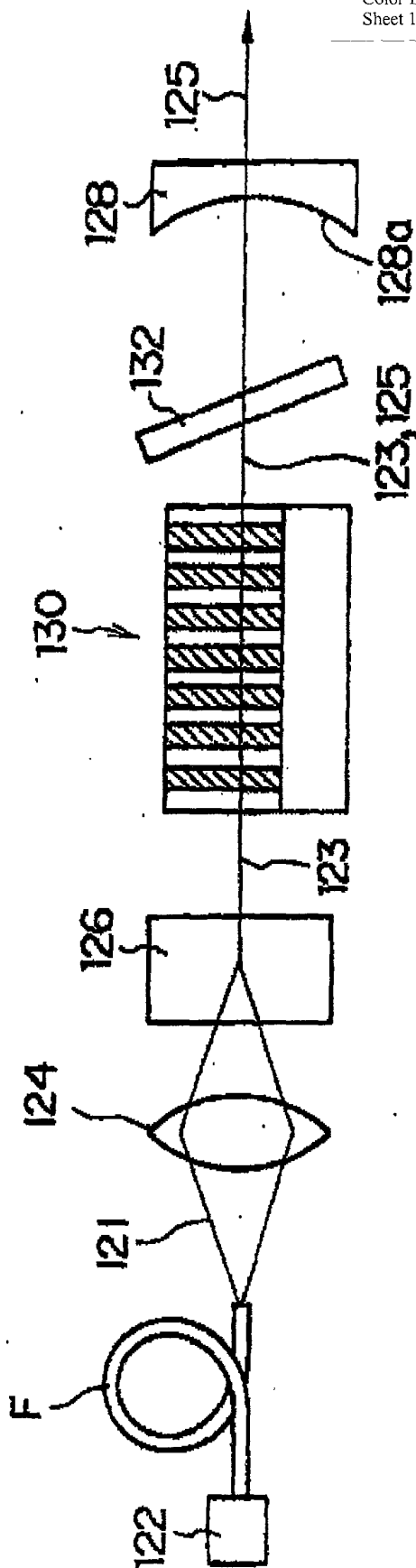


FIG. 16

Er3+,Yb3+: double clad fiber amplifier

pulse  
DFBLD  
1560nm

1560nm

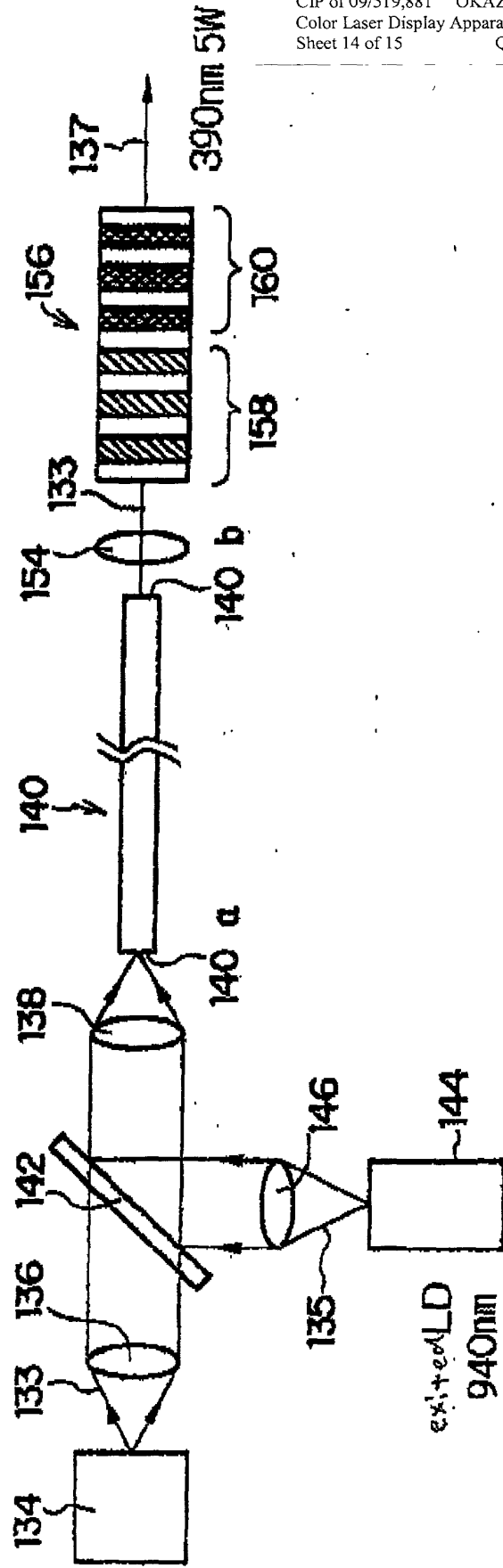


FIG. 17

